AMENDMENTS TO THE CLAIMS

Claims 1-17 (Cancelled)

18. (Original) An apparatus, comprising:

a heat sink comprising a thermoelectric (TEC) module having a polarity; and

a thermal interface material (TIM) coupled with the heat sink, the TIM receiving a redirected heat in the heat sink upon changing of the polarity.

19. (Original) The apparatus of claim 18, wherein the TIM is applied at and removed from at least one of the following locations: a base of the heat sink and a thermal gap between the heat sink and a heat source.

20. (Original) The apparatus of claim 18, wherein the TIM is applied using at least one of the following: an epoxy dispenser machine and a vacuum suction cup.

21. (Original) The apparatus of claim 18, wherein the changing of the polarity comprises reversing of the polarity.

22. (Original) The apparatus of claim 21, wherein the reversing of the polarity is performed by at least of the following: reversing terminals of the TEC module, using a device to change the polarity of the TEC module, and adjusting a power source.

23. (Original) A system, comprising:

a storage medium;

a integrated circuit (IC) device coupled with the storage medium;

a heat sink coupled with the IC device, the heat sink comprising a thermoelectric (TEC) module having a polarity; and

a thermal interface material (TIM) coupled with the heat sink and the IC device, the TIM receiving a redirected heat in the heat sink upon changing of the polarity.

24. (Original) The system of claim 23, wherein the TIM is applied at and removed from at least one of the following locations: a base of the heat sink and a thermal gap between the heat sink and a heat source.

25. (Original) The system of claim 23, wherein the TIM is applied using at least one of the following: an epoxy dispenser machine and a vacuum suction cup.

26. (Original) The system of claim 23, wherein the changing of the polarity comprises reversing of the polarity.

27. (Original) The system of claim 26, wherein the reversing of the polarity is performed by at least of the following: reversing terminals of the TEC module, using a device to change the polarity of the TEC module, and adjusting a power source.

28. (Original) The system of claim 23, wherein the IC device comprises at least one of the following: a microprocessor, a microcontroller, a graphics processor, a digital signal processor (DSP), a complex instruction set computing (CISC) processor, a reduced instruction set computing (RISC) processor, and a very long instruction word (VLIW) processor.